

PRESTRESSED CONCRETE CASTING APPARATUS AND METHOD

ABSTRACT OF THE DISCLOSURE

A prestressed concrete casting apparatus includes a prestressing element (e.g., wire cable or rod) pretensioning fixture of simple easy to use construction, and great strength/rigidity for withstanding considerable pretensioning forces. Advantageously, a clamshell-type mold form may be used together with the pretensioning fixture, in such a manner that the mold form is easily properly locatable on the pretensioning fixture. The form can be removed for reuse without moving the pretensioning fixture or otherwise disturbing the casting, which is permitted to continue to cure in the stationary pretensioning fixture. Maintaining the pretensioning fixture stationary during the process lends greater structural integrity and stability to the pretensioning fixture under the considerable forces set-up by the pretensioning of the prestressing elements.

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